

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

38. (Currently Amended) A TV broadcast method for a system to be operated from a TV continuity studio within the control of a broadcast flow unit, said method comprising:

(a) generating alphanumeric characters and/or image data separately for each of plural remote sites at a central site and transmitting said alphanumeric characters and/or image data therefrom to said plural remote sites via a modem; ~~digital data communication link;~~

(b) detecting whether said alphanumeric characters and/or image data have been received correctly at the said remote sites via said link;

(c) generating and transmitting command codes within non-displayed portions of broadcast television signals to remotely control each of said remote sites from the said central site;

(d) converting said alphanumeric characters and/or image data to local vision materials with a graphic generator at each of said remote sites;

(e) at each remote site, overlaying said local vision material synchronously onto the continuing general television signal without cutting off the main general broadcast; and

(f) detecting whether the said local vision materials have been broadcast via transmission of digital information sent back to the central site.

39. (Currently Amended) A TV broadcast method as in claim 38 further including:

(g) producing still or moving alphanumeric characters and/or image data at the central site continuity studio; and

(h) simultaneously transmitting the alphanumeric characters and/or image data to a selected number of said remote sites through a modem ~~digital data communication link~~.

40. (Previously Presented) A TV broadcast method as in claim 38 further including:

(i) controlling and verifying whether the data present at the central site and sent to remote stations have been received correctly by using a modem.

41. (Previously Presented) A TV broadcast method as in claim 38 further including:

(g) generating and transmitting command codes within the broadcasting process, either automatically or semi-automatically under an operator's control, to remote sites by using the vertical blanking intervals and/or hex numbered pages of the teletext transmission.

42. (Previously Presented) A TV broadcast method as in claim 38 wherein a decoder at each remote site extracts, decodes, and transfers commands coming through teletext to a remote site computer.

43. (Previously Presented) A television broadcast method as in claim 38 wherein said command codes from the central managing and controlling site act to control:

- (a) functions,
- (b) switches between general or differentiated transmissions to a corresponding broadcast area from a storage medium for still or moving character and/or image data to a display producing area in a remote site,
- (c) reports of a control process to a central site continuity studio; and
- (d) starts, stops, differentiation of one or more process.

44. (Previously Presented) A TV broadcast method as in claim 38 wherein:

- (g) said alphanumeric character and/or image data sent from the central site are converted at the remote site to local vision materials as subtitles, graphics, footer, frame, or animation using a graphical generator, decoder, inserter, hard disk and CD-ROM, recorder/reader.

45. (Previously Presented) A TV broadcast method as in claim 38 wherein hardware at each remote site controls:

- (a) actual overlay of the said local vision materials;

- (b) signal levels from the satellite receiver; and
- (c) output from a cable head end and/or TV transmitter to be within acceptable pre-defined limits.

46. (Previously Presented) A TV broadcast method as in claim 38 further including:

- (g) sending querying data about the operations at the remote site, error reports to the central continuity studio and, when desired, remote site operational information from the continuity studio through modem/telephone network and/or satellite data link.

47. (Currently Amended) A TV broadcast system to be operated from a TV continuity studio within the control of a broadcast flow unit, said system comprising:

- (a) means for generating alphanumeric characters and/or image data separately for each of plural remote sites at a central site and transmitting said alphanumeric characters and/or image data therefrom to said plural remote sites via a modem; digital data communication link;

- (b) means for detecting whether said alphanumeric characters and/or image data have been received correctly at the said remote sites via said link;

- (c) means for generating and transmitting command codes within non-displayed portions of broadcast television signals to remotely control each of said remote sites from the said central site;

(d) means for converting said alphanumeric characters and/or image data to local vision materials with a graphic generator at each of said remote sites;

(e) means for at each remote site, overlaying said local vision material synchronously onto the continuing general television signal without cutting off the main general broadcast; and

(f) means for detecting whether the said local vision materials have been broadcast via transmission of digital information sent back to the central site.

48. (Currently Amended) A TV broadcast system as in claim 47 further including:

(g) means for producing still or moving alphanumeric characters and/or image data at the central site continuity studio; and

(h) means for simultaneously transmitting the alphanumeric characters and/or image data to a selected number of said remote sites through a modem. ~~digital data communication link.~~

49. (Previously Presented) A TV broadcast system as in claim 47 further including:

(g) means for controlling and verifying whether the data present at the central site and sent to remote stations have been received correctly by using a modem.

50. (Previously Presented) A TV broadcast method as in claim 38 wherein a decoder at each remote site extracts, decodes, and transfers commands coming through teletext to a remote site computer.

51. (Previously Presented) A TV broadcast method as in claim 38 further including:

(g) generating and transmitting command codes within the broadcasting process, either automatically or semi-automatically under an operator's control, to remote sites by using the vertical blanking intervals and/or hex numbered pages of the teletext transmission.

52. (Previously Presented) A television broadcast method as in claim 38 wherein said command codes from the central managing and controlling site act to control:

- (a) functions,
- (b) switches between general or differentiated transmissions to a corresponding broadcast area from a storage medium for still or moving character and/or image data to a display producing area in a remote site,
- (c) reports of a control process to a central site continuity studio; and
- (d) starts, stops, differentiation of one or more process.

53. (Previously Presented) A TV broadcast method as in claim 38 wherein:

(g) said alphanumeric character and/or image data sent from the central site are converted at the remote site to local vision materials as subtitles, graphics, footer, frame, or animation using a graphical generator, decoder, inserter, hard disk and CD-ROM, recorder/reader.

54. (Previously Presented) A TV broadcast method as in claim 38 wherein hardware at each remote site controls:

- (a) actual overlay of the said local vision materials;
- (b) signal levels from the satellite receiver; and
- (c) output from a cable head end and/or TV transmitter to be within acceptable pre-defined limits.

55. (Previously Presented) A TV broadcast method as in claim 38 further including:

- (g) sending querying data about the operations at the remote site; error reports to the control continuity studio and, when desired, remote site operational information from the continuity studio through modem/telephone network and/or satellite data link.

56. (Currently Amended) A TV broadcast method for a system to be operated from a centralized TV broadcast facility, said method comprising:

- (a) generating alphanumeric characters and/or image data separately for each of plural remote sites at a central site and transmitting said alphanumeric

characters and/or image data therefrom to said plural remote sites via a modem; ~~digital data communication link;~~

(b) detecting whether said alphanumeric characters and/or image data have been received correctly at the said remote sites via said link;

(c) transmitting broadcast television signals from the central site to each of said plural remote sites;

(d) generating and transmitting command codes within non-displayed portions of broadcast television signals to remotely control each of said remote sites from the said central site;

(e) converting said alphanumeric characters and/or image data to local vision materials with a graphic generator at each of said remote sites;

(f) at each remote site, overlaying said local vision material synchronously onto the television broadcast signals without cutting off the television broadcast signals; and

(g) detecting whether said local vision materials have been broadcast via transmission of digital information sent back to the central site.

57. (Currently Amended) A TV broadcast system to be operated from a centralized TV facility, said system comprising:

(a) means for generating alphanumeric characters and/or image data separately for each of plural remote sites at a central site and transmitting said alphanumeric characters and/or image data therefrom to said plural remote sites via a modem; ~~digital data communication link;~~

- (b) means for detecting whether said alphanumeric characters and/or image data have been received correctly at the said remote sites via said link;
- (c) means for transmitting broadcast television signals from the central site to each of said plural remote sites;
- (d) means for generating and transmitting command codes within non-displayed portions of broadcast television signals to remotely control each of said remote sites from the said central site;
- (e) means for converting said alphanumeric characters and/or image data to local vision materials with a graphic generator at each of said remote sites;
- (f) means, at each remote site, for overlaying said local vision material synchronously onto the television broadcast signals without cutting off the television broadcast signals; and
- (g) means for detecting whether said local vision materials have been broadcast via transmission of digital information sent back to the central site.

58. (Currently Amended) A method of controlling each of a plurality of remote broadcast sites from a television studio, said method comprising:

- (a) generating alphanumeric characters and/or image data separately for each of the remote broadcast sites at a central site and transmitting said alphanumeric characters and/or image data therefrom to said plural remote broadcast sites via a modem; digital data communication link;

- (b) detecting whether said alphanumeric characters and/or image data have been received correctly at the remote broadcast sites via said link;

- (c) transmitting broadcast television signals from the central site to each of said plural remote broadcast sites;
- (d) generating and transmitting command codes within non-displayed portions of broadcast television signals to remotely control each of said remote broadcast sites from the said central site;
- (e) converting said alphanumeric characters and/or image data to local vision materials with a graphic generator at each of said remote sites;
- (f) at each remote site, overlaying said local vision material synchronously onto the television broadcast signals without cutting off the television broadcast signals; and
- (g) detecting whether the local vision materials have been broadcast via transmission of digital information sent back to the central site.

59. (Currently Amended) A system for controlling each of a plurality of remote broadcast sites from a television studio, said method comprising:

- (a) means for generating alphanumeric characters and/or image data separately for each of the remote broadcast sites at a central site located within said television continuity studio, and transmitting said alphanumeric characters and/or image data from said central site to said plural remote broadcast sites via a modem; ~~digital data communication link~~;
- (b) means for detecting whether said alphanumeric characters and/or image data have been received correctly at the remote broadcast sites via said link;

(c) means for transmitting broadcast television signals from the central site to each of said plural remote broadcast sites;

(d) means for generating and transmitting command codes within non-displayed portions of broadcast television signals to remotely control each of said remote broadcast sites from the said central site;

(e) means for converting said alphanumeric characters and/or image data to local vision materials with a graphic generator at each of said remote sites;

(f) means, at each remote site, for overlaying said local vision material synchronously onto the television broadcast signals without cutting off the television broadcast signals; and

(g) means for detecting whether the local vision materials have been broadcast via transmission of digital information sent back to the central site.